PTO/SB/05 (08-03)
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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		299002054910						
First Inventor		Terufumi ISHIDA						
Title	CHARGING CIRCUIT AND SEMICONDUCTOR MEMORY DEVICE USING THE SAME							

(Only for new nonprovisional applications under	l applications under 37 CFR 1.53(b))		WIEWORT DEVICE OSING THE SAWE						0				
(ciny) to the first production of the cincol		Expres	s Mail Label I	EV 33	32 781 195 US			17					
APPLICATION ELEM See MPEP chapter 600 concerning utility pate	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450												
1. X Fee Transmittal Form (e.g., PTO/SB. (Submit an original, and a duplicate for fee Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [To]  (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applicatio  - Statement Regarding Fed sponsored if Reference to sequence listing, a table, or a computer program listing append - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if file Detailed Description - Claim(s)  - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [To]  5. Oath or Declaration [To]  a. Newly executed (original or copy for a prior application (3) (for continuation/divisional with Box 1) [To]  DELETION OF INVENTOR Signed statement attached delenamed in the prior application.	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)PTO-1449  13. X Preliminary Amendment (6 pages)  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).												
see 37 CFR 1.63(g)(2) and 1.33  6. X Application Data Sheet. See 37 CFR	see 37 CFR 1.63(d)(2) and 1.33(b).							Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:					
		and sunn	ly the requisite	inform	ation hel	ow and in	the	first sentence of the					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation													
reference. The incorporation can only be relie	<del></del>		NDENCE AL	<u>:</u> _		om the su	ıbmit	ted application parts	-				
X Customer Number.	25226	XXLOF O		OR		Correspo	onder	nce address below					
Name													
Address	-		-		-	_							
City	State				Zip Code								
Country	Telephone				Fax								
Name (Print/Type) Alan S. Hod	Registration No. (Attorney/Agent) 38,185												
Signature	Date February 4, 2004												
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 332 781 195 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.													

pa-857332

PTO/SB/17 (10-03)

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FEE TRANSMITTAL							Complete if Known							
						Application Number					Not Yet Assigned			
for FY 2004							Filing Date				Concurrently Herewith			
							First N	Named	Inver	itor	Terufumi	ISHIDA		
Effective 10/01/2003, Patent fees are subject to annual revision.						<b></b> {	Examiner Name				Not Yet A	ssigned		
Applicant claims small entity status. See 37 CFR 1.27						Art Unit					Not Yet A	ssigned		
TOTAL AN	1001	NT OF F	PAYMENT	(\$)	770.00		Attorney Docket No. 299					54910		
METI	HOD	OF PA	YMENT (che	ck all that	apply)	FEE CALCULATION (continued)								
Check Credit Money Order Other None						3. A	DDITIO	ONAL	FEES					
X Deposit Account:														
Deposit			03-1952		$\neg$	Large Fee	Entity	Small	Entity Fee	-				
Account Number			03-1932			Code	(\$)	Code	(\$)		Fee Desc	ription	Fee Paid	
Deposit Account Morrison & Foerster LLP					1051	130	2051	65	Surcharge – late filing fee or oath					
Name The Director is authorized to: (check all that apply)					1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.					
		ndicated t	· [	1	overpayments	1053	130	1053	130		on-English specification			
			e(s) or any unde	, -		1812	2,520	1812		_	r filing a request for ex parte reexamination			
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	any au	uluonanie	e(s) or any unde	граупен о	ree(s)		·				questing publication of SIR prior to			
			elow, except fo	r the filing	fee	1804	920*	1804	920*	Examiner a	ction	•		
to the above-	identi	ied depo	sit account.			1805	1,840*	1805	1,840*	Examiner a	publication o			
			ALCULATI	ON		1251	110	2251	55		or reply within			
1. BASIC FILING FEE						1252	420	2252	210		or reply withir			
Large Entity Fee Fee	Sma Fee	III Entity Fee	Fee Desc	rintion	Fee Paid	1253	950	2253			or reply within			
Code (\$)	Cod	e (\$)				1254	1,480	2254	740			n fourth month		
1001 770	200		Utility filing		770.00	1255	2,010	2255			or reply within	i fifth month		
1002 340 1003 530	200		Design fili	-	$\vdash$	1401	330	2401 2402		Notice of A				
1003 530	200		Plant filing Reissue fi		$\vdash$	1402 1403	330 290	2402	165 145		Filing a brief in support of an appeal Request for oral hearing			
1005 160	200					1451	1,510	1451			tion to institute a public use proceeding			
	•	CUDI	_			1452	110	2452	55		on to revive – unavoidable			
		2081	TOTAL (1)	(\$)	770.00	1453	1,330	2453	665	Petition to r	Petition to revive - unintentional			
2. EXTRA	CLA	M FEE	S FOR UTIL		REISSUE	1501	1,330	2501	665	Utility issue	Jtility issue fee (or reissue)			
Extra Fee from Claims below Fee Paid					1502	480	2502	240	Design issu	e fee				
Total Claims 5 -20** = 0 x 18.00 = 0.00				1503	640	2503	320	Plant issue	issue fee					
Independent Claims	1	-3** = 0 x 86.00 = 0.00			1460	130	1460	130	Petitions to	etitions to the Commissioner				
Multiple Dependent 290.00 = 0.00						1807	50	1807	50	Processing	cessing fee under 37 CFR 1.17(q)			
Large Entity Small Entity						1806	180	1806	180	Submission	of Information	n Disclosure Stmt		
Fee Fee Code (\$)	Fee Code					8021	40	8021	40		each patent a nes number o	ssignment per of properties)		
1202 18	2202	1.7				1809	770	2809	385	Filing a sub	submission after final rejection			
1201 86	2201		Independent cl							(37 CFR 1.	129(a)) iditional inve	ntion to be	——	
1203 290	2203					1810	770	2810	385	examined (	ed (37CFR 1.129(b))			
1204 86	2204 43 ** Reissue independent claims over original patent					1801	770	2801	385	•	st for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20						1802 900 1802 900 Request for expedited examination of a design application								
and over original patent						Other fee (specify)								
SUBTOTAL (2) (\$) 0.00  **or number previously paid, if greater, For Reissues, see above						*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00								
SUBMITTED BY											(Complete	(if applicable))		
							ation No y/Agent)		,185		Telephone	(650) 813-5622		
Signature					MUNITE	rryent)		-		Date	February 4, 200			